PREDICTIVE ANALYSIS FOR THE MDMP

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OPFOR Counterfire Delivery System Tim

OPFOR SFO (# VOLS) + DISPLACEMENT TIME (SYSTEM TYPE) = TOTAL TIME TO FIRE

OPFOR PHASE OF FIRE

Example:
6 min (BN 6) + 10 min (2S1) = 16 min
Min Engagement Time for Max BDA IAW Tables
(Assumption that Enemy moves with each FM)

BLUEFOR Counterfire Total Attack Capability

ZONE VIOLATION OR CF BATTLE DRILL

RADAR ACQ TIME + DS BN TOC PROCESS TIME + FIRE MSN TIME + TOF + # VOLS = TOTAL TIME

Example:
2 + 1:30 + 2:15 + :45 + 3 = 9:30
Standard Attack Time / No Shift / Cannon

VIGILANS ET CELER

PREDICTIVE ANALYSIS

BLUEFOR Counterfire Effects Matrix (Artillery)

AMMO	FIRE ORDER	TOT RDS	MAX TUBES DEST	TUBES REMAIN 1 BN	NEUT 10% - # OF VOLS	DEST 30% - # OF VOLS	DEST 50% - # OF VOLS
M109							
HEF	BN1	18	1	17	2	6	9
	BN2	36	1	17	2	6	9
	BN3	48	1	17	2	6	9
	BN4	72	2	16	1	3	5
	BN5	90	3	15	1	2	3
	BN6	108	4	14	1	2	2
HEA	BN1	18	0	18	N/A	N/A	N/A
	BN2	36	0	18	N/A	N/A	N/A
	BN3	48	0	18	N/A	N/A	N/A
	BN4	72	1	17	2	6	9
	BN5	90	1	17	2	6	9
	BN6	108	1	17	2	6	9
MLRS							
HEF	1 RKT	1	0	18	N/A	N/A	N/A
	2 RKTS	2	0	18	N/A	N/A	N/A
	3 RKTS	3	1	17	2	6	9
	4 RKTS	4	1	17	2	6	9
	5 RKTS	5	2	16	1	3	5
	6 RKTS	6	2	16	1	3	5

Examples Only - Not J-MEMS Data